

Abstract

The present invention concerns a motor vehicle comprising at least one electric motor, an energy storage device for providing drive energy for the electric motor, a plug connector connected to the energy storage device for connection to a current source and a control means for controlling the flow of current from the current source to the energy storage device.

Therefore the object of the invention is to provide a motor vehicle which can contribute to moderating the loading at consumption peaks in the network.

A motor vehicle comprising at least one electric motor, an energy storage device for providing drive energy for the electric motor, a plug connector connected to the energy storage device for connection to a current source and a control means for controlling the flow of current from the current source to the energy storage device characterised in that the control means permits a flow of current from the energy storage device to the current source (network), and that there is provided an inverter in or outside the vehicle, by means of which the electrical power of the energy storage device can be fed in the form of alternating current into the current source (network).